WEST Search History for Application 10631226

Query	DB	Op.	Plur.	Thes.	Date
((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR)) and (bore or access or (examination with (area or zone or volume or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region)))) and (gradient)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient)) and ((gradient) with (antenna or probe or coil or winding))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding))) and (specimen or speciman or mouse or target or subject ot object or sample or mice)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice))	PGPB, USPT, USOC, EPAB, JPAB,	ADJ			03-11-2008

and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4)	DWPI, TDBD		
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4)) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support)) and ((holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) same (specimen or speciman or mouse or target or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008

subject ot object or sample or mice))				
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) and ((holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) same (specimen or speciman or mouse or target or subject ot object or sample or mice))) and ((interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) same (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))) and ((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR)) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secure)) and ((constrain43 or hold\$3 or held or restrain\$3 or	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ		03-11-2008

retain 43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	TDBD		
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((position\$3 or locat\$3 or orient43) with (aparatus or assembly or device or component or instriument))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (aparatus or assembly or device or component or instriument))) and ((position\$3 or locat\$3 or orient43) with (aparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or	PGPB, USPT, USOC, EPAB,	ADJ	03-11-2008

held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument))	JPAB, DWPI, TDBD			
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))))) and (abut\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or	PGPB, USPT, USOC, EPAB, JPAB,	ADJ		03-11-2008

secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))))) and (mount\$4)	DWPI, TDBD			
((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument)))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))) and (mount\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4)) and (aperature or gap or opening or open or access)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and	PGPB, USPT, USOC,	ADJ		03-11-2008

(((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access)) and (align\$4)	EPAB, JPAB, DWPI, TDBD			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access) and (align\$4)) and ((align\$4) same (aperature or gap or opening or open or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient\$43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access) and (align\$4) and ((align\$4) same (aperature or gap or opening or open or access))) and (constrain\$43 or hold\$3 or held or restrain\$3 or retain\$43 or securing or secured or secure)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient\$43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access) and (align\$4) and ((align\$4) same (aperature or gap or opening or open or access)) and (constrain\$43 or hold\$3 or held or restrain\$3 or retain\$43 or securing or secured or secue)) and ((constrain\$43 or hold\$3 or held or restrain\$3 or retain\$43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same	PGPB, USPT, USOC, EPAB, JPAB,	ADJ		03-11-2008

((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	DWPI, TDBD			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))) and (key\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))) and (excit\$4 or excitation or probing or transmit\$4 or transmission)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or	PGPB, USPT,	ADJ		03-11-2008

assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and (excit\$4 or excitation or probing or transmit\$4 or transmission)) and ((excit\$4 or excitation or probing or probe or antenna or winding))	USOC, EPAB, JPAB, DWPI, TDBD			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and (excit\$4 or excitation or probing or transmit\$4 or transmission) and ((excit\$4 or excitation or probe or antenna or winding))) and (((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) same (aperature or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and (excit\$4 or excitation or probing or transmit\$4 or transmission) and ((excit\$4 or excitation or probing or transmit\$4 or transmission) same	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008

(coil or probe or antenna or winding))) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access))			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access))) and ((excit\$4 or excitation or prob\$3 or transmit\$4 or transmission) same (coil or antenna or winding))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-11-2008

retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access)) and ((excit\$4 or excitation or prob\$3 or transmit\$4 or transmission) same (coil or antenna or winding))) and (((constrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or securing or secured or secue or retention) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) same (aperature or gap or opening or open or access))				
((((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access)) and ((excit\$4 or excitation or prob\$3 or transmit\$4 or transmission) same (coil or antenna or winding)) and (((constrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or securing or secured or secue or retention) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) same (aperature or gap or opening or open or access)) and (((constrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or retain\$3 or securing or secured or secue or retention) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) same (aperature or gap or opening or open or access)) and (((constrain\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument or gradient or coil or probe or antenna or winding)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-11-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or	PGPB, USPT, USOC, EPAB,	ADJ		03-11-2008

assembly or device or component or instrument)) same (((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access)) and ((excit\$4 or excitation or prob\$3 or transmit\$4 or transmission) same (coil or antenna or winding)) and (((constrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or securing or secured or secue or retention) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) same (aperature or gap or opening or open or access)) and (((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument or gradient or coil or probe or antenna or winding)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument or gradient or coil or probe or antenna or winding)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) same((magnetic adj resonan\$2) or MRI or NMR))	JPAB, DWPI, TDBD			
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) and ((holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) same (specimen or speciman or mouse or target or subject of object or sample or mice)) and ((interconnect\$4 or inter-connect\$4 or link\$3 or bridg\$3 or join\$3) same (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4))) and ((sweet with spot) or sweetspot or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008

sweet-spot)				
((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot)) and (imag\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3)) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject or object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening(examination with (area or zone or volume or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject or object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman)) and (bore or access or opening or(examination with (area or zone or volume or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
		ADJ	YES	03-11-2008

(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject or object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region)))) and ((bore or access or opening or(examination with (area or zone or volume or region)))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD			
((((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system))) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008

imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system))				
((((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system)) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same ((sweet with spot) or sweetspot or sweet-spot) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES	03-11-2008

"non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject of object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system))) and (mount\$4)	DWPI, TDBD			
((((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system)) and (mount\$4) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (fower with spot) or sweetspot or sweet-spot) same (apparatus or assembly or device or component or instrument or machine or imager or system))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
		ADJ	YES	03-11-2008

(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system)) and (mount\$4)) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (mouse or laboratory or non-human or "non human" or nonhuman or speciman or ratior subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD			
(((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or specimen or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))) and (self-center\$4 or "self center\$4" or (self adj center\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and (self-center\$4 or "self center\$4" or (self adj center\$4)) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008

((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))) and (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3))) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))) and ((center\$3 or central\$2 or middle) same (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and ((center\$3 or central\$2 or middle) same (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)))) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-11-2008
((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR)) and (bore or access or (examination with (area or zone or volume or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ		03-13-2008

	TDBD			
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region)))) and (gradient)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient)) and ((gradient) with (antenna or probe or coil or winding))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding))) and (specimen or speciman or mouse or target or subject ot object or sample or mice)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice)) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4)) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008

locat\$4))) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)			
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support)) and ((holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) same (specimen or speciman or mouse or target or subject ot object or sample or mice))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) and ((holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) same (specimen or speciman or mouse or target or subject ot object or sample or mice))) and ((interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) same (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008

((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))) and ((magnetic adj resonan\$2) or MRI or NMR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR)) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secure)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue)) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ		03-13-2008

retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((position\$3 or locat\$3 or orient43) with (aparatus or assembly or device or component or instriument))	TDBD		
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (aparatus or assembly or device or component or instriument)) and (((position\$3 or locat\$3 or orient43) with (aparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008

assembly or device or component or instriument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))			
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))))) and (abut\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((automatic\$4) with (position\$3 or locat\$3 or orient43) with (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((magnetic adj resonan\$2) or MRI or NMR) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instriument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))))) and (mount\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008

-			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument)))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))) and (mount\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4)) and (aperature or gap or opening or open or access)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access)) and (align\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access) and (align\$4)) and ((align\$4) same (aperature or gap or opening or open or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or	PGPB, USPT, USOC, EPAB,	ADJ	03-13-2008

assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access) and (align\$4) and ((align\$4) same (aperature or gap or opening or open or access))) and (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue)	JPAB, DWPI, TDBD			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient\$43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and (mount\$4) and (aperature or gap or opening or open or access) and (align\$4) and ((align\$4) same (aperature or gap or opening or open or access)) and (constrain\$43 or hold\$3 or held or restrain\$3 or retain\$43 or securing or secured or secue)) and ((constrain\$43 or hold\$3 or held or restrain\$3 or retain\$43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue))) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
		ADJ		03-13-2008

(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))) and (key\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access))) and (excit\$4 or excitation or probing or transmit\$4 or transmission)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient\$43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain\$43 or hold\$3 or held or restrain\$3 or retain\$43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and (excit\$4 or excitation or probing or transmit\$4 or transmission)) and ((excit\$4 or excitation or probing or probe or antenna or winding))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ		03-13-2008

and ((constrainer retain 43 or secured or animal or speciments) and the secured or object central \$2 or micor opening or opening or transfer excitation or process or hold \$3 or he secured or secured or speciments.	ination same zone) or (main) or (static))))) 43 or hold\$3 or held or restrain\$3 or uring or secured or secue) same (non-human ecimen or speciman or rat or mouse or et or tissue)) and ((align\$4 or center\$3 or eddle or "inbetween") same (aperature or gap pen or access)) and (excit\$4 or excitation or emit\$4 or transmission) and ((excit\$4 or excitation or emit\$4 or transmission) same or antenna or winding))) and (((constrain43 et or restrain\$3 or retain43 or securing or e) same (non-human or animal or specimen rat or mouse or subject or object or tissue)) et or gap or opening or open or access))	TDBD			
same ((position assembly or development) or de	ne (coil or probe or antenna or winding) \$3 or locat\$3 or orient\$3) with (apparatus or vice or component or instrument))) and relocat\$3 or orient43) with (apparatus or vice or component or instrument)) same or concentric\$4 or center\$3 or align\$4) with ination same zone) or (main) or (static))))) 43 or hold\$3 or held or restrain\$3 or uring or secured or secue) same (non-human ecimen or speciman or rat or mouse or et or tissue)) and ((align\$4 or center\$3 or ddle or "inbetween") same (aperature or gap pen or access)) and (excit\$4 or excitation or smit\$4 or transmission) and ((excit\$4 or bobing or transmit\$4 or transmission) same antenna or winding))) and ((non-human or men or speciman or rat or mouse or subject ue) same (constrain43 or hold\$3 or held or tain43 or securing or secured or secue) same up or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
same ((position assembly or development) or de	ne (coil or probe or antenna or winding) \$3 or locat\$3 or orient\$3) with (apparatus or vice or component or instrument))) and relocat\$3 or orient43) with (apparatus or vice or component or instrument)) same for concentric\$4 or center\$3 or align\$4) with ination same zone) or (main) or (static))))) 43 or hold\$3 or held or restrain\$3 or uring or secured or secue) same (non-human recimen or speciman or rat or mouse or set or tissue)) and ((align\$4 or center\$3 or ddle or "inbetween") same (aperature or gap pen or access))) and ((non-human or animal speciman or rat or mouse or subject or a same (constrain43 or hold\$3 or held or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008

restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access))			
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access))) and ((excit\$4 or excitation or prob\$3 or transmit\$4 or transmission) same (coil or antenna or winding))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) and ((constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) and ((align\$4 or center\$3 or central\$2 or middle or "inbetween") same (aperature or gap or opening or open or access)) and ((non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue) same (constrain43 or hold\$3 or held or restrain\$3 or retain43 or securing or secured or secue) same (aperature or gap or opening or open or access)) and ((excit\$4 or excitation or prob\$3 or transmit\$4 or transmission) same (coil or antenna or winding))) and (((constrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or securing or secured or secue or retention) same (non-human or animal or specimen or speciman or rat or mouse or subject or object or tissue)) same (aperature or gap or opening or open or access))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	03-13-2008
(((gradient) same (coil or probe or antenna or winding) same ((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument))) and (((position\$3 or locat\$3 or orient43) with (apparatus or	PGPB, USPT, USOC, EPAB,	ADJ	03-13-2008

((co ((bo and reta or a subjecent or o or s objecent ((ex tran (((co secu or a subjecent or o com ante or o	embly or device or component or instrument)) same encentral\$2 or concentric\$4 or center\$3 or align\$4) with ore or (examination same zone) or (main) or (static))))) ((constrain43 or hold\$3 or held or restrain\$3 or in43 or securing or secured or secue) same (non-human nimal or specimen or speciman or rat or mouse or fect or object or tissue)) and ((align\$4 or center\$3 or tral\$2 or middle or "inbetween") same (aperature or gap pening or open or access)) and ((non-human or animal pecimen or speciman or rat or mouse or subject or ext or tissue) same (constrain43 or hold\$3 or held or rain\$3 or retain43 or securing or secured or secue) same erature or gap or opening or open or access)) and coit\$4 or excitation or prob\$3 or transmit\$4 or smission) same (coil or antenna or winding)) and constrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or aring or secured or secue or retention) same (non-human nimal or specimen or speciman or rat or mouse or fect or object or tissue)) same (aperature or gap or ning or open or access)) and (((position\$3 or locat\$3 rrient\$3) with (apparatus or assembly or device or aponent or instrument or gradient or coil or probe or enna or winding)) same ((concentral\$2 or concentric\$4 enter\$3 or align\$4) with ((bore or (examination same e) or (main) or (static)))))	JPAB, DWPI, TDBD	ADI		03-13-2008
sam asse (((p) asse ((co ((bo and reta or a subj cent or o or s obje rest (ape ((ex tran (((cc secu or a subj ope	radient) same (coil or probe or antenna or winding) the ((position\$3 or locat\$3 or orient\$3) with (apparatus or tembly or device or component or instrument))) and tosition\$3 or locat\$3 or orient\$43) with (apparatus or tembly or device or component or instrument)) same ((constrain\$3 or securing or secure) same (non-human nimal or specimen or speciman or rat or mouse or subject or temple or open or access)) and ((non-human or animal pecimen or speciman or rat or mouse or subject or text or tissue) same (constrain\$4 or hold\$3 or held or train\$3 or retain\$4 or securing or secured or secue) same text are or gap or opening or open or access)) and text are excitation or prob\$3 or transmit\$4 or text are smission) same (coil or antenna or winding)) and tenstrain\$3 or hold\$3 or held or restrain\$3 or retain\$3 or tering or secured or secue or retention) same (non-human nimal or specimen or speciman or rat or mouse or text or object or tissue)) same (aperature or gap or ning or open or access)) and (((position\$3 or locat\$3 or nt\$3) with (apparatus or assembly or device or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008

component or instrument or gradient or coil or probe or antenna or winding)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static)))))) and ((((position\$3 or locat\$3 or orient\$3) with (apparatus or assembly or device or component or instrument or gradient or coil or probe or antenna or winding)) same ((concentral\$2 or concentric\$4 or center\$3 or align\$4) with ((bore or (examination same zone) or (main) or (static))))) same((magnetic adj resonan\$2) or MRI or NMR))				
(((magnetic adj resonan\$2) or MRI or NMR) and (bore or access or (examination with (area or zone or volume or region))) and (gradient) and ((gradient) with (antenna or probe or coil or winding)) and (specimen or speciman or mouse or target or subject ot object or sample or mice) and (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4) and ((self or automatic\$4 or intrinsic\$4 or inherent) same (center43 or align\$3 or alignment or position\$3 or locat\$4)) and (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) and (holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) and ((holder or contain\$3 or vessel or retention or retain\$3 or tray or bed or box or platform or cradle or stretcher or support) same (specimen or speciman or mouse or target or subject ot object or sample or mice)) and ((interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3) same (groove or ridge or notch\$3 or thread or rail or recess\$3 or inla\$4))) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot)) and (imag\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3)) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged))	PGPB, USPT, USOC, EPAB,	ADJ		03-13-2008

	JPAB, DWPI, TDBD			
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman)) and (bore or access or opening(examination with (area or zone or volume or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman)) and (bore or access or opening or(examination with (area or zone or volume or region)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region)))) and ((bore or access or opening or(examination with (area or zone or volume or region)))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008

imaged)))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system))				
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system))) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again)))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008

or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same ((sweet with spot) or sweetspot or sweet-spot) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system)) (((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or	PGPB, USPT, USOC, EPAB, JPAB,	ADJ		03-13-2008
"non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system))) and (mount\$4)	DWPI, TDBD			
(((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen	PGPB, USPT, USOC,	ADJ		03-13-2008

or speciman or mouse or target or subject of object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject of object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system)) and (mount\$4) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject of object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same ((sweet with spot) or sweetspot or sweet-spot) same (apparatus or assembly or device or	EPAB, JPAB, DWPI, TDBD				
component or instrument or machine or imager or system)) (((sweet with spot) or sweetspot or sweet-spot) and (imag\$3) and ((machine or device or system or apparatus or imager) with (imaging or image or imaged)) and (specimen or speciman or mouse or target or subject ot object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) and (bore or access or opening or(examination with (area or zone or volume or region))) and ((bore or access or opening or(examination with (area or zone or volume or region))) same ((machine or device or system or apparatus or imager) with (imaging or image or imaged))) and ((position\$3 or locat\$3 or orient43) with (apparatus or assembly or device or component or instrument or machine or imager or system)) and (repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) and ((repetitiv\$4 or repeat\$4 or repetition or (over with (over or again))) same (position\$3 or locat\$3 or orient\$3) same (specimen or speciman or mouse or target or subject of object or sample or mice or mouse or laboratory or non-human or "non human" or nonhuman) same (bore or access or opening or(examination with (area or zone or volume or region))) same (apparatus or assembly or device or component or instrument or machine or imager or system)) and (mount\$4)) and ((constrain43 or hold\$3 or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008	

I.	ı	, ,	1	ı	
held or restrain\$3 or retain43 or securing or secured or secue) same (mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue))					
(((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-13-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))) and (self-center\$4 or "self center\$4" or (self adj center\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-13-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and (self-center\$4 or "self center\$4" or (self adj center\$4))) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-13-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))) and (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-13-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3))) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ			03-13-2008
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or	PGPB, USPT, USOC,	ADJ			03-13-2008

orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))) and ((center\$3 or central\$2 or middle) same (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)))	EPAB, JPAB, DWPI, TDBD			
((((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or specimen or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and ((center\$3 or central\$2 or middle) same (slid\$4 with (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3)))) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ		03-13-2008
((324/300-322.ccls.) or (600/407-435.ccls.))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-13-2008
((((324/300-322.ccls.) or (600/407-435.ccls.))) and (((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-13-2008
(((324/300-322.ccls.) or (600/407-435.ccls.)) and (((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or specimen or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and ((sweet with spot) or sweetspot or sweet-spot)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-13-2008
(((324/300-322.ccls.) or (600/407-435.ccls.)) and (((mouse or laboratory or non-human or "non human" or nonhuman or animal or specimen or speciman or rat or subject or object or tissue) same (position\$3 or locat\$3 or orient\$3) same (apparatus or assembly or device or component or instrument or machine or imager or system)) same (imag\$4)) and ((sweet with spot) or sweetspot or sweet-spot)) and ((automatic\$4 or self or intrinsic\$4 or inherent\$2) same (center\$3 or central\$2 or middle) same (interconnect\$4 or inter-connect\$4 or connect\$4 or link\$3 or bridg\$3 or join\$3))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	03-13-2008